

What is claimed is:

1. A method for translating content of structured documents, comprising steps of:
 - programmatically locating content to be translated in a structured document;
 - programmatically finding content to be used in a translated result of the structured document; and
 - programmatically replacing the content to be translated with the content to be used, thereby created the translated result.
2. The method according to Claim 1, wherein translation-sensitive content is externalized from the structured document.
3. The method according to Claim 1, wherein the content to be used is encoded in one or more supplemental structured documents.
4. The method according to Claim 3, wherein the supplemental structured documents contain language-specific translated content.
5. The method according to Claim 1, wherein the structured document remains unchanged after the programmatic replacement.
6. The method according to Claim 1, wherein the translated result is created dynamically while rendering to a user.

1 7. The method according to Claim 1, wherein the translated result is created dynamically
2 while rendering to a consuming component.

1 8. The method according to Claim 1, wherein the content to be translated and the content to
2 be used are text.

1 9. The method according to Claim 1, wherein the content to be translated and the content to
2 be used include graphic images.

1 10. The method according to Claim 1, wherein the content to be translated is marked with a
2 translation key.

1 11. The method according to Claim 10, wherein the translation key is specified as an attribute
2 name.

1 12. The method according to Claim 10, wherein the programmatically finding step further
2 comprises the step of matching an attribute value of the marked content to an element name in a
3 supplemental structured document.

1 13. The method according to Claim 1, further comprising the step of selecting a target
2 translation language, wherein the content to be used is encoded in a supplemental structured

3 document and is translated into the selected language.

1 14. The method according to Claim 13, wherein the step of selecting the target translation
2 language further comprises the step of programmatically determining a locale, and wherein the
3 selecting step uses the determined locale to select the target translation language.

1 15. A system for translating content of structured documents, comprising:
2 means for programmatically locating content to be translated in a structured document;
3 means for programmatically finding content to be used in a translated result of the
4 structured document; and
5 means for programmatically replacing the content to be translated with the content to be
6 used, thereby created the translated result.

1 16. A computer program product for translating content of structured documents, the
2 computer program product embodied on one or more computer-readable media and comprising:
3 computer-readable program code means for programmatically locating content to be
4 translated in a structured document;
5 computer-readable program code means for programmatically finding content to be used
6 in a translated result of the structured document; and
7 computer-readable program code means for programmatically replacing the content to be
8 translated with the content to be used, thereby created the translated result.